

**Interreg
Sudoe**



Co-funded by
the European Union

SenForFire

Final Conference

Wireless Sensing Technologies for Wildfire Prevention and Early Detection

Valladolid, Spain

November 17-18, 2026



**Junta de
Castilla y León**



Dirección General de Patrimonio Cultural, JCyL
Monasterio de Nuestra Señora del Prado
Avda. del Real Valladolid s/n, 47071 Valladolid

<https://maps.app.goo.gl/4oAyTYRSkkYkwt4x5>

SenForFire Final Conference

Tuesday, November 17

  Co-funded by the European Union		Prototypes, Pilots, and Cloud-based Tools	
SenForFire			
08:30 – 09:00	Arrival and registration		DG Patrimonio Cultural Junta de Castilla y León
09:00 – 09:15	Welcome		DG Patrimonio Cultural Junta de Castilla y León
09:15 – 09:30	Introduction	Esther Hontañón	ITEFI-CSIC
09:30 – 10:30	MEMS sensors	Stella Vallejos Lionel Presmanes Philippe Menini	IMB-CSIC CNRS-CIRIMAT CNRS-LAAS
10:30 – 11:00	Fire detection modules	Jesús Lozano Raimundo Alfonso	UEX RAY-IE
11:00 – 11:30	Weather and soil monitoring modules	Sofía Aparicio Raimundo Alfonso Eisharc Jaquet	ITEFI-CSIC RAY-IE SL ARANTEC SL
11:30 – 12:00	Coffee-break		
12:00 – 12:15	Controlled burns	Mercedes Guijarro	ICIFOR-INIA-CSIC
12:15 – 12:30	Sensor network	Darío Sánchez	ITEFI-CSIC
12:30 – 12:45	Fuel moisture	Cristina Carrillo	ICIFOR-INIA-CSIC
12:45 – 13:30	Cloud-based platform	Pedro Salgueiro, João Cardoso	University of Évora
13:30 – 15:00	Lunch (standing buffet)		
15:00 – 15:30	Early fire detection	Stella Vallejos Jesús Lozano Juan Luis Gómez	IMB-CSIC UEX ITEFI-CSIC
15:30 – 16:30	Soil and fuel moisture monitoring	Juan Luis Gómez Cristina Carrillo Mario Alonso	ITEFI-CSIC ICIFOR-INIA-CSIC EPAIF, Cáceres
16:30 – 17:30	AI-driven wildfire danger forecast	Catarina Silva (*)	University of Coimbra
17:30 – 19:30	Poster session and exhibition		
20:00	Dinner (restaurant)		

(*) Remote presentation

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Wednesday, November 18

Interreg Sudoe  Co-funded by the European Union		New Perspectives and Operational Applications	
SenForFire			
09:00 – 09:15	Introduction	Esther Hontañón	ITEFI-CSIC
09:15 – 10:00	From deployment to operation: Lessons learned from wildfire detection networks at scale	José Luis Liz Graña (*)	PYRO Fire Extinction SL
10:00 – 10:45	Beyond a single fire danger index – New approaches for Mediterranean landscapes	Marcelino Núñez (*) Elia Quirós (*) Javier Madrigal	AEMET UEX ICIFOR-INIA-CSIC
10:45 – 11:15	Coffee-break		
11:15 – 12:00	RAT_EOS_PC – Early warning networks for climate change-related risks using earth observation satellites for Civil Protection response	Cristina Montesinos (*)	CICYTEX
12:00 – 12:45	From research to emergency response: Technology transfer for prevention and early wildfire detection in Australia	Nick Wilson	The Australian National University
12:45 – 13:45	From sensors to action: Operational applications of sensor networks for wildfire prevention and early detection	Roundtable discussion Moderator: Esther Hontañón	
13:45 – 14:00	Closure	Esther Hontañón	ITEFI-CSIC
14:00	Lunch (standing buffet / take-away)		

(*) Remote presentation